

CLAIMS

1. A two-layered olefin-based resin pellet for use in an insecticidal resin composition comprising a core layer formed of an olefin-based resin composition (A) and a sheath layer formed of an olefin-based resin composition (B) and laminated on the outer surface of the core layer, wherein said olefin-based composition (A) contains an insecticidal compound, a granular inorganic filler, a metal soap, and an olefin-based resin (a) having a relatively high solubility to the insecticidal compound; and said olefin-based resin composition (B) contains, as a main component, an olefin-based resin (b) having a relatively low solubility to the insecticidal compound.

2. The olefin-based resin pellet according to claim 1, wherein said insecticidal compound is a pyrethroid type insecticide.

3. The olefin-based resin pellet according to claim 1, wherein, in the olefin-based resin composition (A) for the core layer, the weight ratio of the insecticidal compound to the granular inorganic filler is in the range of 1 : 2 to 4 : 1; the weight ratio of the insecticidal compound to the metal soap is in the range of 20 : 1 to 1 : 1; and the

weight ratio of the total of the insecticidal compound and the granular inorganic filler to the olefin-based resin (a) is in the range of 1 : 5 to 5 : 1.

4. The olefin-based resin pellet according to claim 1, wherein the weight ratio of the olefin-based resin composition (A) for the core layer to the olefin-based resin composition (B) for the sheath layer ((A) : (B)) is in the range of 10 : 1 to 1 : 5.

5. An insecticidal resin composition comprising the two-layered olefin-based resin pellet defined in claim 1, and the olefin-based resin composition (B) which contains, as a main component, the olefin-based resin (b) having a relatively low solubility to the insecticidal compound as defined in claim 1, wherein the two-layered olefin-based resin pellet and the olefin-based composition (B) are melt-mixed in a weight ratio of 1 : 1 to 15.

6. An insecticidal filament obtained by melt-spinning the insecticidal resin composition defined in claim 5, and drawing the same.